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local in Rhode Island, and does not make itself at home as in Eastern Massachusetts. It is, with its large, deep-blue heads, a highly ornamental nuisance. I saw but one *Lobelia*, the common Indian tobacco, *L. inflata*. Among Primulaceæ I was glad to find a fine bed of *Samolus*. It grows in the sand near the Great Salt Pond.

The Labiatae were represented by eleven genera and thirteen species—a good showing—among them was *Melissa officinalis*. *Polygonum* was another genus with full ranks. We recorded eight species. The surprising height of some plants was noticeable; thus some *Sparganiums* and *Sagittarias* were the giants of their race. I have a list of 28 grasses, and am sure that a number more might be found. Both Mr. Collins and myself rigorously excluded everything from our catalogue of which we had any lingering doubt.

I found myself speculating much, and perhaps wildly, as to the origin and remote history of these insular plants. How came they here? Are they in some cases descendants of old continental forms existing while yet Block Island was part of the mainland? On the other hand, did birds, winds, tide-currents, or the operations of man introduce them? Of course we can account for the presence of grasses and weeds. But how about the endemic species? The flora seems to me pretty full for the situation. Those who consult the following list will be struck by its length and by the curious lacunæ.

A List of Plants found on Block Island, R. I., in July and August.

BY W. W. BAILEY AND J. F. COLLINS.

(From July 19th to end of August, 1892.)

RANUNCULACEÆ.

1. *Ranunculus Cymbalaria*, Pursh. Abundant about the Great Salt Pond, Aug.
2. *Ranunculus repens*, L.
3. *Ranunculus acris*, L.

NYMPHÆACEÆ.

4. *Castalia odorata* (Dryand.) Woodv. and Wood. Extremely abundant in nearly all the numerous fresh water ponds. Flowers in some instances measuring from 7 to 9 inches in diameter. Occasionally pink.
5. *Nymphæa advena* (Soland.), Greene. Quite common.

CRUCIFERÆ.

6. *Alyssum maritimum*, L. About yards. Barely Escaped.
7. *Nasturtium officinale*, R. Br. Abundant about springs. East side.
8. *Sisymbrium officinale* (L.) Scop.
9. *Brassica Sinapis*trum, Boiss.
10. *Brassica alba* (L.) Boiss.
11. *Brassica nigra* (L.) Koch.
12. *Brassica campestris*, L.
13. *Bursa pastoris* (L.) Weber.
14. *Lepidium Virginicum*, L.
15. *Cakile edentula* (Bigel.) Hook. Very common on sea beaches.
16. *Raphanus Raphanistrum*, L.

CISTACEÆ.

17. *Helianthemum majus* (L.) B. S. P.

VIOLACEÆ.

18. *Viola obliqua*, Hill.
19. *Viola sagittata*, Ait.
20. *Viola primulæfolia*, L.
21. *Viola lanceolata*, L. The violets were, of course, all out of flower.

CARYOPHYLLACEÆ.

22. *Dianthus Armeria*, L.
23. *Saponaria officinalis*, L.
24. *Arenaria serpyllifolia*, L.
25. *Arenaria peploides*, L. In occasional large patches on the beaches.
26. *Alsine media*, L.
27. *Cerastium vulgatum*, L.
28. *Sagina procumbens*, L. Springs on south cliffs.
29. *Tissa rubra* (L.) Britton.
30. *Tissa marina* (L.) Britton.
31. *Spergula arvensis*, L.

PORTULACACEÆ.

32. *Portulaca oleracea*, L.

ELATINACEÆ.

33. *Elatine Americana* (Pursh.) Arn. Borders of Sands Pond. Common.

HYPERICACEÆ.

34. *Hypericum perforatum*, L.
35. *Hypericum maculatum*, Walt.
36. *Hypericum mutilum*, L.
37. *Hypericum gentianoides* (L.) B. S. P.
38. *Elodes Virginica* (L.) Nutt.

MALVACEÆ.

39. *Malva rotundifolia*, L.
40. *Abutilon Avicennæ*, Gærtn.

LINACEÆ.

41. *Linum striatum*, Walt. Very common in the bogs. July.
 42. *Linum usitatissimum*, L.

GERANIEÆ.

43. *Oxalis corniculata*, L., Var. *stricta* (L.) Sav.
 44. *Impatiens biflora*, Walt.

ILICINEÆ.

45. *Ilex lævigata* (Pursh.) A. Gray.

VITACEÆ.

46. *Vitis Labrusca*, L.
 47. *Ampelopsis quinquefolia* (L.) Michx. Quite rare.

ANACARDIACEÆ.

48. *Rhus copallina*, L.
 49. *Rhus radicans*, L.

POLYGALACEÆ.

50. *Polygala viridescens*, L.
 51. *Polygala polygama*, Walt.

LEGUMINOSÆ.

52. *Trifolium arvense*, L.
 53. *Trifolium pratense*, L.
 54. *Trifolium repens*, L.
 55. *Trifolium hybridum*, L.
 56. *Melilotus alba*, Lam.
 57. *Medicago sativa*, L. Scarce.
 58. *Robinia pseudacacia*, L. Occasional about houses.
 59. *Lathyrus maritimus* (L.) Bigel. Common on the beaches and bluffs.
 60. *Apios tuberosa*, Moench. Occasional.
 61. *Phaseolus helvolus*, L. Occasional.

ROSACEÆ.

62. *Prunus maritima*, Wang. Common.
 63. *Prunus Virginiana*, L. A few specimens only.
 64. *Spiræa salicifolia*, L. Occasional.
 65. *Spiræa tomentosa*, L. Occasional.
 66. *Rubus occidentalis*, L.
 67. *Rubus villosus*, Ait.
 68. *Rubus Canadensis*, L.
 69. *Rubus hispidus*, L.
 70. *Fragaria vesca*, L. Common.
 71. *Potentilla Norvegica*, L.
 72. *Potentilla argentea*, L.
 73. *Potentilla Canadensis*, L.
 74. *Rosa Carolina*, L.
 75. *Rosa lucida*, Ehrh.
 76. *Pyrus arbutifolia* (L.) L. f. Rare.

DROSERACEÆ.

77. *Drosera rotundifolia*, L. Very common.
 78. *Drosera intermedia*, Hayne, Var. *Americana*, D. C. Very common.

HALORAGÆ.

79. *Myriophyllum pinnatum* (Walt.) B. S. P. Common.
 80. *Proserpinaca palustris*, L. Common.
 81. *Callitriche verna*, L.

MELASTOMACEÆ.

82. *Rhexia Virginica*, L. Very common.

LYTHRACEÆ.

83. *Decodon verticillatus* (L.) Ell. Very abundant.

ONAGRACEÆ.

84. *Ludwigia palustris* (L.) Ell. Common.
 85. *Epilobium lineare*, Muhl.
 86. *Epilobium coloratum*, Muhl.
 87. *Epilobium adenocaulon*, Haussk. The most common species.
 88. *Oenothera biennis*, L.

FICOIDEÆ.

89. *Mollugo verticillata*, L.

UMBELLIFERÆ.

90. *Daucus Carota*, L. The most common weed.
 91. *Heracleum lanatum*, Michx. Southern cliffs.
 92. *Sium cicutaefolium*, Gmelin. Very abundant.
 93. *Cicuta maculata*, L. Occasional.
 94. *Discopleura capillacea*, D. C. Very abundant.

CORNACEÆ.

95. *Nyssa aquatica*, L. A very few scattered trees in a sheltered valley.

CAPRIFOLIACEÆ.

96. *Sambucus Canadensis*, L. Rather frequent.
 97. *Viburnum molle*, Michx. A few specimens only.

RUBIACEÆ.

98. *Cephalanthus occidentalis*, L. Filling most of the pond holes.
 99. *Galium trifidum*, L. Common.

COMPOSITÆ.

100. *Eupatorium teucriifolium*, Willd.
 101. *Eupatorium perfoliatum*, L.
 102. *Solidago sempervirens*, L.
 103. *Solidago rugosa*, Mill.
 104. *Solidago juncea*, Ait.
 105. *Solidago Canadensis*, L.
 106. *Solidago nemoralis*, Ait.
 107. *Solidago lanceolata*, L. Excessively common.

108. *Solidago Caroliniana* (L.) B. S. P. Nearly as much so.
 109. *Aster lævis*, L.
 110. *Aster vimineus*, Lam.
 111. *Erigeron Canadensis*, L.
 112. *Erigeron ramosus* (Walt.) B. S. P.
 113. *Pluchea camphorata* (L.) D. C. Abundant and thrifty about Great Salt Pond. August.
 114. *Antennaria plantaginifolia* (L.) Hook.
 115. *Anaphalis margaritacea* (L.) Benth. and Hook.
 116. *Gnaphalium obtusifolium*, L.
 117. *Gnaphalium uliginosum*, L.
 118. *Ambrosia artemisiæfolia*, L.
 119. *Xanthium Canadense*, Mill.
 120. *Rudbeckia hirta*, L.
 121. *Helianthus tuberosus*, L. Sparingly escaped.
 122. *Bidens frondosa*, L.
 123. *Bidens cernua*, L.
 124. *Bidens lævis* (L.) B. S. P. } probable, but not surely identified.
 125. *Anthemis Cotula* (L.) D. C.
 126. *Achillea Millefolium*, L. (Pink variety common.)
 127. *Chrysanthemum Leucanthemum*, L. Abundant.
 128. *Tanacetum vulgare*, L.
 129. *Erechtites hieracifolia* (L.) Raf. About Salt Pond.
 130. *Arctium Lappa*, L.
 131. *Cnicus lanceolatus* (L.) Hoff.
 132. *Cnicus horridulus*, Pursh.
 133. *Cnicus altissimus* (L.) Willd., var. *discolor* (Spreng.) Gray.
 134. *Cnicus arvensis* (L.) Hoff.
 135. *Cichorium Intybus*, L. Quite common.
 136. *Hieracium Gronovii*, L.
 137. *Taraxacum officinale*, Weber.
 138. *Lactuca Canadensis*, L.
 139. *Lactuca spicata* (Lam.) Hitchc.
 140. *Sonchus oleraceus*, L.
 141. *Sonchus asper* (L.) Willd. Common on South cliffs.
- LOBELIACEÆ.
142. *Lobelia inflata*, L.
- ERICACEÆ.
143. *Gaylussacia dumosa* (L.) Torr. & Gray, var. *hirtella* (Ait.) A. Gray.
 144. *Vaccinium macrocarpon*, Ait.
 145. *Andromeda ligustrina* (L.) Muhl. Occasional.
 146. *Kalmia angustifolia*, L. Occasional.
 147. *Rhododendron viscosum* (L.) Torr. Occasional.
 148. *Clethra alnifolia*, L. Rather common.
- PRIMULACEÆ.
149. *Lysimachia terrestris* (L.) B. S. P. Common.
 150. *Anagallis arvensis*, L. Common.
 151. *Samolus floribundus*, H. B. K. Near the Salt Pond.

ASCLEPIADACEÆ.

152. *Asclepias Syriaca*, L. Common.

GENTIANACEÆ.

153. *Bartonia Virginica* (L.) B. S. P.
 154. *Menyanthes trifoliata*, L.
 155. *Limnanthemum lacunosum* (Vent.) Gris.

CONVOLVULACEÆ.

156. *Convolvulus sepium*, L.

SOLANACEÆ.

157. *Solanum nigrum*, L. Common and thrifty.
 158. *Nicandra physaloides*, Gaertn. Found in one place only.
 159. *Datura Tatula*, L.

SCROPHULARIACEÆ.

160. *Verbascum Thapsus*, L.
 161. *Linaria Canadensis* (L.) Dumont.
 162. *Linaria vulgaris*, Mill.
 163. *Ilysanthes gratioides* (L.) Benth.
 164. *Gerardia purpurea*, L.
 165. *Utricularia vulgaris*, L.

VERBENACEÆ.

166. *Verbena urticæfolia*, L. Occasional.
 167. *Verbena hastata*, L. Very common.

LABIATÆ.

168. *Trichostema dichotomum*, L.
 169. *Teucrium Canadense*, L.
 170. *Mentha piperita*, L.
 171. *Mentha arvensis*, L.
 172. *Lycopus Virginicus*, L.
 173. *Lycopus sinuatus*, Ell.
 174. *Pycnanthemum linifolium*, Pursh. Scarce.
 175. *Melissa officinalis*, L. Escaped.
 176. *Hedeoma pulegioides* (L.) Pers.
 177. *Nepeta Cataria*, L.
 178. *Scutellaria lateriflora*, L.
 179. *Scutellaria galericulata*, L.
 180. *Brunella vulgaris*, L.
 181. *Leonurus Cardiaca*, L.

PLANTAGINACEÆ.

182. *Plantago major*, L.
 183. *Plantago Rugelii*, Decaisne.
 184. *Plantago lanceolata*, L.
 185. *Plantago Patagonica*, Juss., var. *aristata* (Nutt.) Grey.

AMARANTACEÆ.

186. *Amarantus retroflexus*, L.
 187. *Amarantus albus*, L.

CHENOPODIACEÆ.

- 189. *Chenopodium album*, L.
- 190. *Atriplex patula*, L.
- 191. *Salicornia herbacea*, L.
- 192. *Suaeda linearis* (Ell.) Moq.
- 193. *Salsola Kali*, L.

PHYTOLACCACEÆ.

- 194. *Phytolacca decandra*, L.

POLYGONACEÆ.

- 195. *Rumex crispus*, L.
- 196. *Rumex Actosella*, L.
- 197. *Polygonum aviculare*, L.
- 198. *Polygonum erectum*, L.
- 199. *Polygonum Pennsylvanicum*, L.
- 200. *Polygonum Persicaria*, L.
- 201. *Polygonum hydropiperoides*, Michx.
- 202. *Polygonum Hydropiper*, L.
- 203. *Polygonum sagittatum*, L.
- 204. *Polygonum dumetorum*, L., var. *scandens* (L.) Gray.

EUPHORBIACEÆ.

- 205. *Euphorbia polygonifolia*, L.
- 206. *Euphorbia maculata*, L.
- 207. *Acalypha Virginica*, L.

URTICACEÆ.

- 208. *Humulus Lupulus*, L.
- 209. *Urtica dioica*, L.

MYRICACEÆ.

- 210. *Myrica cerifera*, L. Hardly common.

SALICACEÆ.

- 211. *Salix*. Several species apparently introduced.
- 212. *Populus alba*, L. About most houses.

ORCHIDACEÆ.

- 213. *Gyrostachys præcox* (Walt.) Kuntze. August.
- 214. *Gyrostachys gracilis* (Bigel.) Kuntze. August.
- 215. *Gyrostachys simplex* (Gray) Kuntze. August.
- 216. *Pogonia ophioglossoides* (L.) Ker. July—August.
- 217. *Habenaria tridentata* (Willd.) Hook. Very common. July.
- 218. *Habenaria lacera* (Michx.) R. Br. Very common. July.

IRIDACEÆ.

- 219. *Iris versicolor*, L. Common.
- 220. *Sisyrhynchium anceps*, Cav.

LILIACEÆ.

- 221. *Smilax glauca*, Walt.

PONTEDERIAEÆ.

222. *Pontederia cordata*, L. July, August. Very common.

XYRIDAEÆ.

223. *Xyris Caroliniana*, Walt. August. Very Common.

JUNCACEÆ.

224. *Juncus effusus*, L.
 225. *Juncus marginatus*, Rostk.
 226. *Juncus tenuis*, Willd.
 227. *Juncus bufonius*, L.
 228. *Juncus pelocarpus*, E. Meyer.
 229. *Juncus Canadensis*, J. Gay., var. *longicaudatus*. Engelm.

TYPHACEÆ.

230. *Typha latifolia*, L.
 231. *Typha angustifolia*, L.
 232. *Sparganium eurycarpum*, Engelm.
 233. *Sparganium simplex*, Hudson.

ARACEÆ.

234. *Acorus Calamus*, L.

LEMNACEÆ.

235. *Lemna minor*, L.

ALISMACEÆ.

236. *Sagittaria variabilis*, Engelm. Common and thrifty.

NAIADACEÆ.

237. *Potamogeton hybridus*, Michx.
 238. *Potamogeton pulcher*, Tuckerm.

CYPERACEÆ.

239. *Cyperus Nuttallii*, Torr.
 240. *Cyperus filiculmis*, Vahl.
 241. *Cyperus dentatus*, Torr.
 242. *Cyperus strigosus*, L.
 243. *Dulichium spathaceum* (L.) Pers.
 244. *Eleocharis ovata* (Willd.) R. Br.
 245. *Scirpus Americanus*, Pers.
 246. *Scirpus robustus*, Pursh.
 247. *Eriophorum cyperinum*, L.
 248. *Eriophorum Virginicum*, L.
 249. *Eriophorum gracile*, Koch.
 250. *Rynchospora alba* (L.) Vahl.
 251. *Rynchospora glomerata* (L.) Vahl.
 252. *Carex bullata*, Schk.
 253. *Carex lurida*, Wahl.
 254. *Carex Pseudo-cyperus*, L. var. *comosa* (Boott.) W. Boott.
 255. *Carex straminea*, Willd.

GRAMINEÆ.

- 256. *Spartina cynosuroides* (L.) Willd.
- 257. *Spartina juncea* (Michx.) Willd.
- 258. *Spartina stricta*, Roth, var. *glabra* (Muhl.) Gray.
- 259. *Paspalum setaceum*, Michx.
- 260. *Panicum sanguinale*, L.
- 261. *Panicum proliferum*, Lam.
- 262. *Panicum capillare*, L.
- 263. *Panicum vigatum*, L.
- 264. *Panicum clandestinum*, L.
- 265. *Panicum dichotomum*, L.
- 267. *Panicum Crus-Galli*, L.
- 268. *Chamæraphis glauca* (L.) Kuretze.
- 269. *Cenchrus tribuloides*, L.
- 270. *Homalocenchrus oryzoides* (L.) Poll.
- 271. *Andropogon scoparius*, Michx.
- 272. *Aristida dichotoma*, L.
- 273. *Phleum pratense*, L.
- 274. *Agrostis alba*, L.
- 275. *Agrostis canina*, L.
- 276. *Ammophila arundinacea* (L.) Host.
- 577. *Holcus lanatus*, L.
- 278. *Danthonia spicata* (L.) Beauv.
- 279. *Phragmites vulgaris* (Lam.) B. S. P.
- 280. *Eragrostis pectinacea* (Michx.) Gray.
- 282. *Poa annua*, L.
- 283. *Panicularia Canadensis* (Michx.) Kuntze.
- 284. *Panicularia obtusa* (Nutt.) Kuntze.
- 285. *Agropyrum repens* (L.) Beauv.

EQUISETACEÆ.

- 286. *Equisetum arvense*, L.

FILICES.

- 287. *Woodwardia areolata* (L.) Moore.
- 288. *Asplenium Filix-femina* (L.) Bernh.
- 289. *Dryopteris Thelypteris* (L.) A. Gray.
- 290. *Dryopteris Noveboracense* (L.) A. Gray.
- 291. *Onoclea sensibilis*, L.
- 292. *Dicksonia punctilobula* (Michx.) A. Gray.
- 293. *Osmunda cinnamomea*, L.

LYCOPODIACEÆ.

- 294. *Lycopodium inundatum*, L.